

WHAT IS CLAIMED IS:

1. A touch type liquid-crystal display device  
comprising:

a liquid-crystal display panel having flexibility;

5 a touch panel provided to adhere closely to a back side,  
opposite to a visual side, of said liquid-crystal display panel;  
and

electrodes disposed to be opposite to each other through  
a gap, said electrodes being adapted for coming into partial  
10 contact with each other by a pressing force to thereby detect  
an input position.

2. A touch type liquid-crystal display device  
according to claim 1, wherein a substrate is disposed in said  
15 liquid-crystal display panel on the touch panel side and has  
either a light absorbing layer or a light reflection layer.

3. A touch type liquid-crystal display device  
according to claim 1, wherein a substrate is disposed in said  
20 liquid-crystal display panel on the touch panel side and is  
made of a colored substrate, and said electrodes are disposed  
on a back side, opposite to a visual side, of said substrate.

4. A touch type liquid-crystal display device  
25 according to claim 2, wherein said light reflection layer is

located in the inner or outer side of said touch-panel-side substrate of said liquid-crystal display panel.

5. A touch type liquid-crystal display device  
5 according to claim 1, wherein said device comprises a film which has one of said electrodes on one surface of said film while said film is bonded through an adhesive layer , on the other surface, to the back side opposite to the visual side of said touch-panel-side substrate of said liquid-crystal display  
10 panel.

6. A touch type liquid-crystal display device  
according to claim 5, wherein said film has said light absorbing layer on said other surface on which no electrode is provided  
15 or said film has said light reflection layer in an inner side of said electrode provided on an electrode-side surface of said film.

7. A touch type liquid-crystal display device  
20 according to claim 2, wherein said light reflection layer serves also as said electrode in an inner side of said touch-panel-side substrate of said liquid-crystal display panel.

8. A touch type liquid-crystal display device  
25 according to claim 2, wherein said light reflection layer is

made of a film for forming a light reflection means.

9. A touch type liquid-crystal display device  
according to claim 2, further comprising an illuminator disposed  
5 on a back side, opposite to a visual side, of said touch panel,  
wherein said light reflection layer is of a semi-transmission  
type.

10. A touch type liquid-crystal display device  
10 according to claim 1, wherein a substrate of said liquid-crystal  
display panel is made of a resin substrate.

11. A touch type liquid-crystal display device  
according to claim 1, wherein said liquid-crystal display panel  
15 is of a macromolecular dispersion type.

12. A touch type liquid-crystal display device  
according to claim 1, wherein said liquid-crystal display panel  
is of the type using a cholesteric liquid crystal.

13. A touch type liquid-crystal display device  
according to claim 1, wherein at least one substrate disposed  
in said liquid-crystal display panel has a protrusion in an  
inner side of said substrate.

14. A touch type liquid-crystal display device according to claim 1, wherein said touch-panel-side substrate of said liquid-crystal display panel serves also as a substrate for supporting one of said electrodes in said touch panel.

5

15. An input detecting method comprising steps of:  
disposing a touch panel having electrodes opposite to each other through a gap on a back side, opposite to a visual side, of a liquid-crystal display panel; and

partially bending said liquid-crystal display panel by a pressing force to bring said electrodes of said touch panel into partial contact with each other to thereby detect a position of said pressing.